

TINY RADIO SETS PROBE UPPER AIR

ATLANTIC CITY, N. J., Jan. 1.—(AP)—A rag, and a bank of hair, immortalized by Kipling, are helping tell you today whether you'd better take along an umbrella for the walk to the office, although the skies overhead look perfectly clear. They are reaching into the stratosphere to find the place where storms hide.

They are the latest components of the device perfected within the last month by the bureau of standards in Washington in conjunction with the weather bureau.

The new apparatus was shown for the first time at the annual convention here of the Association for the Advancement of American Science.

With the new instrument, the weather bureau is able to reach up into the stratosphere itself in search of storms that hitherto have soared like hawks over a flock of unsuspecting chickens.

One of these new balloons, with 355 worth of instruments attached, sailed at the top of a hotel here the other day, rising from ground temperatures of 60 degrees above to temperatures of 85 degrees below zero 11 1/2 miles above the earth's surface. Four times a minute, during the ascent, a tiny radio set flashed back signals to weather bureau listeners, reporting each time the temperature, humidity, and air pressure. When its work was over it tumbled down far out to sea.

The apparatus itself is amazingly cheap. There's a balloon filled with hydrogen, about three feet in diameter, and a few feet below it, suspended by a bamboo rod, a collection of toy gadgets that look like a boy's crystal radio set.

A bank of hair registers the humidity reading. Two thin plates of bronze, about 25 cents worth, form the aneroid barometer that gives the air pressure figures. A two dollar electric motor that weighs an ounce is run by a battery that scales half an ounce.

A bit of coiled wire costing five cents is the thermometer. Two radio tubes, costing 60 cents each, a crystal and some bits of wire, make up the transmitting set. The "rag" is a red warning signal to "look out below."

Church Announces Week of Services

January 10, at the Central Presbyterian church, Tenth and Pearl, the regular quarterly communion will be celebrated, with opportunity for reception of members and baptisms, both infant and adult. In preparation for the Sabbath the pastor will hold preparatory services in the chapel during the preceding week, at 7:30 p. m. They will consist of prayer, praise, and studies of some phase of the reality of the Cross. The subjects are as follows:

- Monday, "The Foolishness of the Cross."
 - Tuesday, "The Inevitable Cross."
 - Wednesday, "The Indifference at the Cross."
 - Thursday, "The Watch at the Cross."
 - Friday, "The View from the Cross."
- The public is cordially invited.

Arizona Solon, Linguistic Expert, Would Pare English Language

WASHINGTON, Jan. 1.—(AP)—Senator Henry Fountain Ashurst—being a student of the English language—advocated today that the nation forget some of the words cluttering up its dictionaries.

"We have a wonderful language," he said, "but it is becoming unwieldy. It would be a good thing to call a conference of authorities and abolish some of our verbal corruptions."

The Arizona senator—recognized as packing one of the most remarkable vocabularies in congress—has stepped into the national language and made some novel disclosures.

"Every 100 words spoken by an educated American," he said, "fall into four general classifications:

- 1. They are 60, Anglo-Saxon; 30, Latin; 5, Greek; 5, other languages.
- 2. Two words for which Ashurst has use are "very" and "quite."
- 3. "Either of them tends to weaken, but strengthen your speech," he said. "You will hear neither used in my

office," he added, "for we have abolished them."

A casual visitor to the office sometimes is startled by efforts toward a more picturesque speech. For instance:

"Give me the ibex," said the senator to his secretary.

"The ibex" turned out to be the Ashurst's speech on the donkey, and contained a good example of his colorful language.

"The donkey is the personification of the sublime virtues of moderation, forbearance, restraint, and rigid economy. From the vibrant chords of his throat there come zigzag bars of music as thrilling as the midnight minstrel of the nightingale."

Incidentally, Ashurst is a democrat.

RESIGNATION of Rexford G. Tutwell as reassignment administrator was followed by the report that he would be succeeded by his assistant, Will Winton Alexander, above. Alexander, 52, native of Missouri, is a former clergyman and has been active for years in religious, educational and civic work. He was a director of the Julius Rosenwald fund before entering federal service.



SMOOTH red velvet lends its elegance to a cocktail and dinner frock that is gay and youthful, with short, puffed sleeves, intriguing new collar, and silver fox border. Note the arresting way the fox is manipulated to come to a head near the waistline.

Scottsburg News

SCOTTSBURG, Jan. 1.—(Special)—Mr. and Mrs. Chas. Hedden and McKinley and Cyrus Hedden of Elkton and Mr. and Mrs. R. H. Fryer and sons were dinner guests at the J. N. Hedden home Christmas day.

Mr. and Mrs. David Riley left Sunday for the Smith River logging camp, after spending the holidays at their home here.

Mr. and Mrs. Oswald Wessela of Medford are spending a few days with Mr. and Mrs. Paul Wessela.

Mr. and Mrs. Paul Applegate were callers at the Butler farm on Long Prairie Tuesday.

Fred Schemmel and W. Garrison made a business trip to Reedsport Wednesday.

Mr. and Mrs. L. Hart have moved from their trailer house into the Owens house which they recently bought and are remodeling.

Jack Murphy is spending a two-week vacation at his home here from O. R. C.

Mrs. W. Waggoner and children of Reedsport were callers here Tuesday.

SPANISH SHIP TO LOAD U. S. PLANES

MEXICO CITY, Jan. 1.—(AP)—A theoretical source reported today the Spanish steamer Motormar, ordered by the Spanish embassy at Washington to put in at Vera Cruz, was originally instructed to pick up airplanes which have arrived at the port recently.

(The embassy today ordered release of \$400,000 cargo of flaxseed belonging to an American firm which the Motormar was carrying to the United States when the sailing order was changed.)

The planes—described as giant Curtiss Condors—arrived in Mexico from the United States under consignment to the Lidena Aeras Del Pacifico, an aviation company which operates a small passenger line between Oaxaco and Acapulco.

The line immediately resold them to the Spanish embassy in Mexico, authoritative sources disclosed. Four of the planes are now at Vera Cruz, it was reported, and two others at Mexico City. They were flown from the United States between Dec. 24 and Dec. 29 by two American pilots—N. C. Connell and W. E. Norton.

The ships were originally concentrated at Brownsville, Tex., it was said.

The airplane transaction involved a total of 14 ships, reliable quarters reported.

SAVANTS "ENTHUSE" OVER ELECTRIC TRAIN

By EDWARD J. NEIL
ATLANTIC CITY, N. J., Jan. 1.—(AP)—Junior's major problem of getting dad loose from the electric train that came with the Christmas tree bounced up Tuesday at the opening of the annual convention of the Association for the Advancement of Science, numbering 3,000 of America's larger minds.

Like Junior, the convention ran into a little trouble dragging the grownup boys—college professors, masters of research, inventors—loose from a mechanical marvel that has nothing to do with the main show, an electric train that does everything but carry passengers around the lobby of the convention hotel headquarters.

"My, my," said big William Beebe, who goes down a mile or more into ocean depths in a bathysphere, "now isn't that something?"

Around and around go three trains, whistling, stopping at stations, flashing lights, drumming through tunnels.

The convention has weighty problems on its collective mind.

But it looks as though there'll have to be a train wreck in a hotel lobby to get science back to business.

The convention was informed today by United States public health service that at least ten different disease bearing kinds of ticks have been discovered. Ticks are things that live on animals and bite men, and were known by an entirely different name by soldiers who picked them out of their underwear during the World War.

Two cause relapsing fever. The eastern wood tick gives spotted fever and tularemia. The five worst transmit spotted fever, Colorado fever and tick paralysis. They also cause a great itching, which was all that soldiers knew about them heretofore.

Christmas Dinner
At Pleasant Hill

PLEASANT HILL, Jan. 1.—(Special)—A very pleasant Christmas dinner was had at the home of Otis White at Pleasant Hill. Those present were Mr. and Mrs. I. M. Lien and children, Martin and Dorothy, of San Francisco, formerly of Eugene, Mr. and Mrs. Glen Newton and daughter, Joan, of Salem, and Mr. and Mrs. H. A. White of Eugene. Mr. and Mrs. Harold Roberts and children, Richard and Doris, came in to spend the afternoon and evening. Mr. and Mrs. Lien expect to return to San Francisco Monday.

President Roosevelt's Budget Expected To Hit 8 Billion Mark

By LYLE C. WILSON
(United Press Staff Correspondent)
WASHINGTON, Jan. 1.—(AP)—Government costs for this fiscal year probably will be announced at more than \$8,000,000,000 in the budget President Roosevelt will present to congress next week.

The budget message will be delivered to congress Jan. 8 by President Roosevelt in person. It is expected to reveal the third upward revision of government costs for this fiscal year. The increases in Mr. Roosevelt's estimates are chargeable principally to the unexpected expense of paying the veteran's bonus, costs growing out of court invalidation of AAA processing taxes and unforeseen drought relief needs.

A year ago the president submitted a budget which forecast expenditures for this 15-month period aggregating \$6,752,000,000 of which \$1,103,000,000

was for recovery and relief from suspended balances of previous emergency appropriations.

In September Mr. Roosevelt published a new budget summary, estimating 1937 fiscal year expenditures at \$7,702,835,300. In the interim he had asked congress to appropriate \$1,500,000,000 for current unemployment relief.

The White House explained that no account was taken in seeking that appropriation of the serious drought which affected a large area this summer. Unforeseen drought relief expenditures consumed much of the unemployment relief fund.

"Another survey of the unemployment problem and the amount for drought relief will be made," the president's September statement said, "early in the coming calendar year, and if additional appropriations for these purposes are found necessary,

U. S. EXPORT EDGE NARROWED IN 1936

WASHINGTON, Jan. 1.—(AP)—The nation's exports during the first 11 months of this year exceeded imports by \$9,012,000.

This figure was announced by the commerce department today in a statement which showed the export balance was substantially smaller than that for the same period last year, when sales abroad exceeded purchases by \$108,888,000.

For the 11 months of 1936, exports were set at \$2,235,480,000 and imports at \$2,174,468,000.

Exports increased \$104,075,000 over last year and imports rose \$313,051,000.

During November exports were listed at \$235,700,000 and imports at \$108,423,000. This \$29,343,000 ex-

cess of exports compared with a similar balance of \$10,633,000 for same month a year ago.

The department said the increase in exports this year was due largely to larger shipments of manufactured articles, while the import rise is attributable to increased purchases of a wide range of commodities.

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Metropolitan 5c to \$1.00 Store 735 Willamette St.

January
CLEARANCE SALE
Applegate Furniture Co.
11th and Willamette

WILLIAMS' STORES, INC.

This Super Value Event Starts Saturday 9 A.M. COME EARLY!

WOMEN'S FOOTWEAR

One Big Group, Values to \$2.98

January Clearance Price **\$1.69**

WOMEN'S SHOES

One Big Group, Values to \$2.98

January Clearance Price **\$1.98**

LOOK!
\$50.00 FREE

To the first 50 people who make a purchase of \$50.00 or over, we will give, Absolutely FREE, a brand new \$1.00 bill. This offer applies on everything in the store except overalls and domestics.

Only One To A Family

You will save plenty at this great January Clearance Sale. Every department has unusual values to offer. Buy Now—Prices are advancing.

- SHEETS**
81 x 99 Acme Sheets, Regular 69c, January Clearance Price... **59c**
- TOWELING**
Stevens Crash Toweling, Jan. Clearance price, 2 yards... **35c**
- SHEETING**
9-4 Bleached Druid Sheeting, Regular 38c, Sale price, yard... **35c**
- SHEETING**
Unbleached 9-4 Sheeting, January Clearance price, yard... **25c**
- Silk Remnants**
Real Values, 5c and 10c. On Sale in Basement.
- SHEETS**
81x99 Druid Sheets, **89c**
January Clearance...
81x108 Druid Sheets, January Clearance Price... **\$1.09**
- MUSLIN**
36-inch unbleached muslin, January Clearance... **8c**
- HOPE MUSLIN**
36-inch wide Hope muslin, January Clearance price, yard... **12 1/2c**
- Unbleached MUSLIN**
36-inch wide Druid Unbleached muslin, January Clearance price, yard... **10c**

VALUE
Women's Knit Dresses
Values to \$2.98
98c

VALUE
Misses' Winter Weight UNIONS
Reg. 39c
25c

VALUE
Women's Pure Silk Knee-Hi HOSE
January Clearance Price **25c**

VALUE
Women's WINTER COATS
Every Garment Reduced
SAVE NOW!

• In The Men and Boy's Department

- Men's Fancy Rayon Socks**
Regular 15c value—Now, at a January Clearance price of... **10c**
- Men's College Cords**
A real January Clearance, Values at only... **\$1.98**
- Men's Bib Overalls**
220 weight, January Clearance price, only... **69c**
- Men's All Wool Drawers**
Large sizes only, January Clearance price... **98c**
- Men's Dress Pants**
Values to \$2.98, January Clearance price... **\$1.98**
- Men's Heavy Weight Wool Socks**
A real value at this January Clearance price, pair... **15c**
- Boys' Cord Longies**
Navy and brown, January Clearance price... **\$1.39**
- Men's B. V. D. Outing Pajamas**
Regular \$1.95, January Clearance price... **\$1.39**
- Men's Army Style Undershirts**
Sizes 40 only, January Clearance price, only... **69c**
- Men's Frisco Jean Work Pants**
\$2.39 Values regularly—Now for Clearance at... **\$1.69**
- Men's Cotton Suede Jackets**
Values to \$2.69, January Clearance price... **98c**
- Boys' Sweaters**
98c values, January Clearance price... **69c**
- Men's Polo Shirts**
Regular 69c Values, January Clearance price... **49c**

• IN THE WOMEN'S DEPARTMENT

- Misses' Sweaters**
All wool, Values to \$2.98, January Clearance price... **\$1.39**
- Womens' Ribbed Top Hose**
Regular 49c each, January Clearance price, pair... **25c**
- Women's Formal Length Slips**
Values to \$1.98, January Clearance price... **98c**
- Full Fashioned Hose**
Women's 45 gauge full fashioned hose. Anticipate your needs at this sensational Clearance price, pair... **49c**
- Infants' Rubber Crib Sheet**
Regular 15c value, January Clearance price, each... **10c**
- Turkish Towels**
22x44 towels, regular 25c value, January Clearance price, only... **19c**

SALE WARNER'S CORSETS

- One Big Group—Values to \$3.49, On Sale at **\$2.89**
- One Big Group—Values to \$5.00, On Sale at **\$3.69**

VALUE
PEQUOT SHEETS
81 x 99 — **\$1.29**
Sale Price...
81 x 108 — **\$1.39**
Sale Price...

VALUE
Men's Colored Top BOOT SOCKS
3 Pcs. 85c

VALUE
Boy's Sweater and Jacket
Values to \$1.98
Now **98c**

VALUE
Every Department Represented in this Great Sale!

JANUARY SALE SEMI-ANNUAL
Enna Jetticks
DISCONTINUED STYLES **\$3.45** - **\$3.95** REGULAR STYLES

What luck for you! You have your choice of a splendid selection of Enna Jetticks, at a substantial saving. Many styles, many sizes and widths—that is, if you get here early in the sale.

America's Smartest Walking Shoes Go Places Comfortably

WILLIAMS' STORES, INC.

